Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12071-003001	Application No. 09/891,823
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant John R. Neefe et al.	
		Filing Date June 26, 2001	Group Art Unit 1615

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
AS	AA	4,716,038	12/29/1987	Stanford et al.	424	92	
	AB	4,724,144	02/09/1988	Rook et al.	424	93	
	AC	4,918,166	04/17/1990	Kingsman et al.	530	350	
	AD	5,114,844	05/19/1992	Cohen et al.	435	7	
	AE	5,348,945	09/20/1994	Berberian et al.	514	21	
	AF	5,504,005	04/02/1996	Bloom et al.	435	253	
	AG	5,578,300	11/26/1996	Schmidt et al.	424	78.08	
	AH	5,580,563	12/03/1996	Tam	424	197	
	AI	5,599,545	02/04/1997	Stanford et al.	424	282.1	
	AJ	5,736,146	04/07/1998	Cohen et al.	424	197.11	
	AK	5,750,119	05/12/1998	Srivastava	424	277.1	
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	AN	5,858,368	01/12/1999	Smith et al.	424	192.1	
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	AP	5,948,646	09/07/1999	Srivastava	435	69.3	
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	AR	5,985,270	11/16/1999	Srivastava	424	93.71	
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	AT	6,007,806	12/28/1999	Lathe et al.	424	93.2	
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	AW	6,017,544	01/25/2000	Srivastava	424	277.1	
	AX	6,030,618	02/29/2000	Srivastava	424	184.1	
	AY	6,048,530	04/11/2000	Srivastava	424	193.1	
	AZ	6,130,087	10/10/2000	Srivastava et al.	435	372.3	
	AAA	6,136,315	10/24/2000	Srivastava	424	193.1	

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(37 CFR §1.98(b))

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12071-003001	09/891,823
Applicant: John R. Neefe et al.	
Filing Date: June 26, 2001	Group Art Unit: 1615

U.S. Patent Documents

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	ADD	6,156,302	12/05/2000	Srivastava	424	93.1	
	AEE	6,162,436	12/19/2000	Srivastava	424	193.1	
	AFF	6,168,793	01/02/2001	Srivastava	424	193.1	
	AGG	6,187,312	02/13/2001	Srivastava	424	193.1	
	AHH	6,322,790	11/27/2001	Srivastava	424	193.1	
	AII	6,335,183	01/01/2002	Young et al.	435	69.7	
	AJJ	6,338,952	01/15/2002	Young et al.	435	69.7	

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AJ	AKK	WO 85/05034	11/21/1985	PCT				
	ALL	WO 88/00974	02/11/1988	PCT				
	AMM	WO 88/05823	08/11/1988	PCT				
	ANN	WO 88/06591	09/07/1988	PCT				
	AOO	WO 89/12455	12/28/1989	PCT				
	APP	WO 90/15873	12/27/1990	PCT				
	AQQ	WO 91/02542	03/07/1991	PCT				
	ARR	WO 91/15572	10/17/1991	PCT				
	ASS	WO 92/08484	05/29/1992	PCT				
	ATT	WO 92/08488	05/29/1992	PCT				
	AUU	WO 93/17712	09/16/1993	PCT				
	AVV	WO 94/03208	02/17/1994	PCT				
	AWW	WO 94/29459	12/22/1994	PCT				
	AXX	WO 95/24923	09/21/1995	PCT				
	AYY	WO 95/31994	11/30/1995	PCT				

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AD	AZZ	WO 96/10421	04/11/1996	PCT				
	AAAA	WO 96/19496	06/27/1996	PCT				
	ABBB	WO 96/26277	08/29/1996	PCT				
	ACCC	WO 97/06821	02/27/1997	PCT				
	ADDD	WO 97/26910	07/31/1997	PCT				
	AEEE	WO 98/23735	06/04/1998	PCT				
	AFFF	WO 98/35705	08/20/1998	PCT				
	AGGG	WO 99/07860	02/18/1999	PCT				
	AHHH	WO 00/19828	04/13/2000	PCT				
	AIII	WO 00/23093	04/27/2000	PCT				
	AJJJ	WO 01/04344	01/18/2001	PCT				
	AKKK	WO 01/17554	03/15/2001	PCT				
	ALLL	WO 01/52791	07/26/2001	PCT				
	AMMM	WO 01/52877	07/26/2001	PCT				
	ANNN	WO 01/52890	07/26/2001	PCT				
	AOOO	WO 01/53457	07/26/2001	PCT				
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	AQQQ	0 322 990	07/05/1989	EP				
	ARRR	2 251 186	07/01/1992	GB				

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	ATTT	Anthony et al., "Priming of $CD8^+$ CTL Effector Cells In Mice By Immunization With a Stress Protein-Influenza Virus Nucleoprotein Fusion Molecule", VACCINE, 17:373-383 (1999)
	AUUU	Ardeshir et al., "A 75 Kd Merozoite Surface Protein of Plasmodium Falciparum which is Related to the 70 kd Heat-Shcok Proteins," EMBO J., 6(2):493-499 (1987)

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	AWWW	Arrigo and Welch, "Characterization and Purification of the Small 28,000-Dalton Mammalian Heat Shock Protein", J. BIOL. CHEM., 262(32):15359-15369 (1987)
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	AIIII	Cain and Howett, "Preventing cervical cancer," SCIENCE, 288:1753-54 (2000)
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	AXXXX	Del Guidice et al., "Priming to Heat Shock Proteins in Infants Vaccinated against Pertussis," J. IMMUNOL., 150(5):2025-2032 (1993)
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	ADDDDD	Falk et al., "Cell Mediated Immunity to Human Tumors," ARCH. SURG., 107:261-265 (Aug. 1973)
	AEEEEE	Ferrero et al., "The GroES homolog of *Helicobacter pylori* confers protective immunity against mucosal infection in mice," PROC. NATL. ACAD. SCI. USA, 92:6499-6503 (1995)
	AFFFFF	Flaherty et al., "Three-dimensional Structure of the ATPase Fragment of a 70K Heat-Shock Cognate Protein," NATURE 346:623-628
	AGGGGG	Fox, "No Winners Against AIDS", BIOTECHNOLOGY, 12:128 (1994)
	AHHHHH	Friedland et al., "Mycobacterial 65-kD heat shock protein induces release of proinflammatory cytokines from human monocytic cells," CLIN. EXP. IMMUNOL., 91:58-62 (1993)
	AIIIII	Galloway, "Papillomavirus oncoproteins as vaccine candidates," LANCET, 347:1498-99 (1996)
	AJJJJJ	Gomes et al., "Heat shock protein synthesis during development in Caulobacter crescentus," J. BACT., 168(2):923-930 (Nov. 1986)
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	ARRRRR	Hughes et al., "A Study in Clinical Cancer Immunotherapy," CANCER, 26:269-278 (Aug. 1970)
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	ATTTTT	Hunt and Calderwood, "Characterization and Sequence of a Mouse hsp70 Gene and Its Expression in Mouse Cell Lines," GENE 87:199-204 (1990)

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	AWWWWW	Jacquier-Sarlin, "Protective effects of hsp70 in inflammation," EXPERIENTIA, 50(11-12):1031-1038 (1994)
	AXXXXX	Jarecki-Black et al., "The Effect of BCG-Vaccine Upon Experimental Visceral Leishmaniasis in Hampsters," ANN. CLIN. LAB. SCI., 14:464-466 (1984)
	AYYYYY	Jindal, "Heat Shock Proteins: Applications in health and disease," TRENDS IN BIOTECH, 14(1):17-20, 1996
	AZZZZZ	Jondal et al., "MHC Class I-Restricted CTL Responses to Exogenous Antigens," IMMUNITY 5:295-203 (October 1996)
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	ACCCCCC	Kiessling et al., "Role of hsp60 during autoimmune and bacterial inflammation," IMMUNOLOGICAL REVIEWS, 121:91-111 (1991)
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	ANNNNNN	Lindquist and Craig, "The Heat-Shock Proteins," ANNU. REV. GENET., 22:631-677 (1988)
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12071-003001	Application No. 09/891,823
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR 1.98(b))		Applicant John R. Neefe et al.	
		Filing Date June 26, 2001	Group Art Unit 1615

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
AP	ACCCCCCC	Palladino et al., "Expression of a Shared Tumor-Specific Antigen by Two Chemically Induced BALB/c Sarcomas," CANCER RESEARCH, 47:5074-5079 (Oct. 1987)
	ADDDDDDD	Peetermans et al., "Mycobacterial heat-shock protein 65 induces proinflammatory cytokines but does not activate human mononuclear phagocytes," SCAN. J. IMMUNOL., 39:613-617 (1994)
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	AFFFFFFF	Polla et al., "Heat shock proteins and inflammation," CURRENT TOPICS IN MICROBIOLOGY AND IMMUNOLOGY, 167:93-105 (1991)
	AGGGGGGG	Polla et al., "Regulation and functions of stress proteins in allergy and inflammation," CLINICAL AND EXPERIMENTAL ALLERGY, 23:548-556 (1993)
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	APPPPPPP	Spencer et al., "Nonspecific Protection of Mice against Influenza Virus Infection by Local or Systemic Immunization with Bacille Calmette-Guerin," J. INFECT, 171-175 (August 1977)
↓	AQQQQQQQ	Srivastava and Udono, "Heat Shock Protein-Peptide Complexes in Cancer Immunotherapy," CURRENT OPINION IN IMMUN., 6:728-732 (1994)

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AD	ARRRRRRR	Srivastava and Old, "Individually Distinct Transplantation Antigens of Chemically Induced Mouse Tumors," IMMUNOLOGY TODAY, 9:78-83 (Mar. 1988)
	ASSSSSSS	Srivastava and Das, "The Serologically Unique Cell Surface Antigen of Zajdela Ascitic Hepatoma is Also Its Tumor-Associated Transplantation Antigen," INT. J. CANCER, 33:417-422 (1984)
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	ABBBBBBBB	Thole et al., "Characterization, Sequence Determination, and Immunogenicity of a 64-Kilodalton Protein of Mycobacterium bovis BCG Expressed in Escherichia coli K-12," INFECTION & IMMUNOL., 55(6):1466-1475 (1987)
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	AEEEEEEEE	Ullrich et al., "A Mouse Tumor-Specific Transplantation Antigen is a Heat Shock-Related Protein," PROC. NATL. ACAD. SCI., USA, 83:3121-3125 (May 1986)
	AFFFFFFFF	van Eden et al., "Cloning of the mycobacterial epitope recognized by T lymphocytes in adjuvant arthritis", NATURE, 331(14):171-173 (1988)
	AGGGGGGGG	Verdegaal et al., "Heat Shcok Protein 65 Induces CD62e, CD106, and CD54 on Cultured Human Endothelial Cells and Increases Their Adhesiveness for Monocytes and Granulocytes," JOUR. IMMUNOL., 157:369-376 (1996)

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Patent and Trademark Office

Information Disclosure Statement by Applicant
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(37 CFR 1.98(b))

Attorney's Docket No.	Application No.
12071-003001	09/891,823
Applicant: John R. Neefe et al.	
Filing Date: June 26, 2001	Group Art Unit: 1615

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AJ	AHHHHHHHH	Vignola et al., "Increased expression of heat shock protein 70 on airway cells in asthma and chronic bronchitis," AM. J. RESPIR. CELL MOL. BIOL., 13:683-691 (1995)
	AIIIIIIII	Vodkin and Williams, "A Heat Shock Operon in Coxiella burnetii Produces a Major Antigen Homologous to a Protein in Both Mycobacteria and Escherichia coli", J. OF BACTERIOLOGY, 170(3):1227-1234 (1988)
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	AKKKKKKKK	Welch et al., "Biochemical characterization of the mammalian stress proteins and identification of two stress proteins as glucose- and Ca2+-ionophore-regulated proteins," J. BIOL. CHEM., 258(11):7102-7111 (1983)
	ALLLLLLLL	Welch and Feramisco, "Purification of the Major Mammalian Heat Shock Proteins", J. BIOL. CHEM., 257(24):14949-14959 (1982)
	AMMMMMMMM	Welch and Feramisco, "Rapid Purification of Mammalian 70,000-Dalton Stress Proteins: Affinity of the Proteins for Nucleotides", MOL. CELL. BIOL., 5(6):1229-1237 (1985)
	ANNNNNNNN	Young et al., "The 65kDa antigen of mycobacteria--a common bacterial protein?", IMMUNOL. TODAY, 8(7-8):215-219 (1987)
	AOOOOOOOO	Young et al., "Genes for the major protein antigens of the leprosy parasite mycobacterium leprae," NATURE, 316:450-452 (1985)
	APPPPPPPP	Young et al., "Stress proteins are immune targets in leprosy and tuberculosis," PROC. NATL. ACAD. SCI. USA, 85:4267-4270 (1988)
	AQQQQQQQQ	Young, "Stress Proteins and Immunology," ANNU. REV. IMMUNOL., 8:401-420 (1990)
	ARRRRRRRR	Zhou, "New Fusion Protein for Immunotherapy of Venereal Disease and Cancer - Is a Heat Shock Protein of Mycobacterium Bovis", Database WPI, DERWENT PUBLICATIONS LTD., XP002154481, (March 29, 2000), Abstract
	ASSSSSSSS	Zhu et al., "Structural Analysis of Substrate Binding by the Molecular Chaperone DnaK," SCIENCE 272:1606-1614 (June 14, 1996)
	ATTTTTTTT	Zylicz et al., "The grpE Protein of Escherichia coli", J. BIOL. CHEM., 262(36):17437-17442 (1987)
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		Filing Date June 26, 2001	Group Art Unit 1648

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	Translation No
AJ	AB	WO 98/04706	02/05/98	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)

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AJ	AC	Roden *et al.*, "Minor Capsid Protein Of Human Genital Papillomaviruses Contains Subdominant, Cross-Neutralizing Epitopes", VIROLOGY, 270:254-257 (2000)
AJ	AD	Kawana *et al.*, "Common Neutralization Epitope In Minor Capsid Protein L2 of Human Papillomavirus types 16 and 6", J. OF VIROLOGY, 73:6188-6190 (1999)
AJ	AE	Goldstone *et al.*, "Activity of HspE7, A Novel Immunotherapy, In Patients With Anogenital Warts", DIS. COLON RECTUM, 45:502-507 (2002)
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